

RSC Applied Interfaces

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Cover

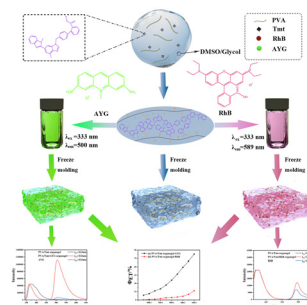
See Liyong Ding,
Juncheng Hu *et al.*,
pp. 222–232.
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2024, 1, 222.

COMMUNICATION

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A multifunctional organogel for constructing artificial light harvesting systems with excellent energy transfer efficiency

Xinxian Ma,* Jiahong Tang, Tianqi Ren, Jiali Zhang,
Yuehua Liang, Jiuzhi Wei and Enke Feng

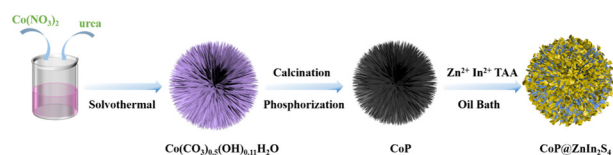


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Construction of a hierarchical CoP@ZnIn₂S₄ heterojunction for photocatalytic hydrogen evolution

Yuqin Liu, Liyong Ding,* Qian Xu, Yu Ma
and Juncheng Hu*





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RSC Applied Polymers

**The application of polymers,
both natural and synthetic**

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**Fundamental questions
Elemental answers**

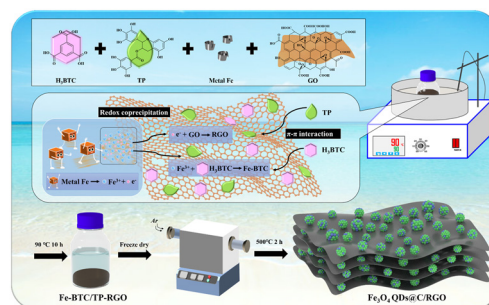
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Synthesis of a MOF-derived magnetite quantum dots on surface modulated reduced graphene oxide composite for high-rate lithium-ion storage

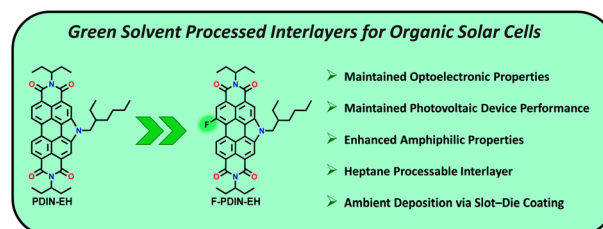
Ruixin Jia, Longbiao Yu, Zhenqi Han, Shuo Liu, Panpan Shang, Siqi Deng, Xuehua Liu and Binghui Xu*



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A fluorinated perylene diimide for polar and non-polar green solvent processed organic photovoltaic cathode interlayers

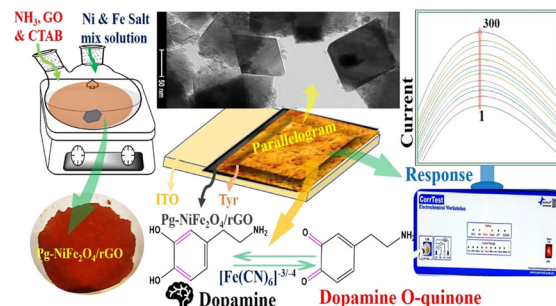
Colton Atkinson, Muhammad Rizwan Niazi and Gregory C. Welch*



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Nanoengineered parallelogram-NiFe₂O₄/rGO nanocomposite-based biosensing interface for highly efficient electrochemical detection of neurodegenerative disorders via dopamine monitoring

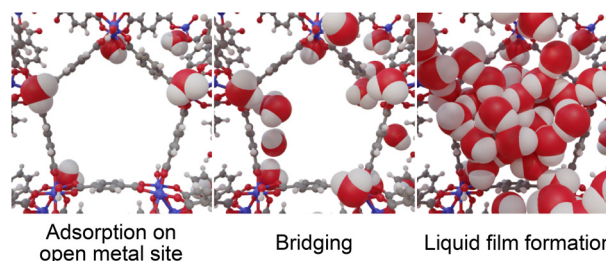
Rahul Verma, Kshitij RB Singh, Ranjana Verma and Jay Singh*



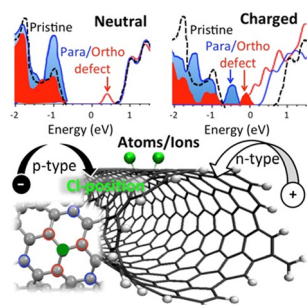
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Simulation studies of water adsorption on MIL-101(Cr) revealing the role of inhomogeneous potential field composed of open metal sites and organic linkers

Shotaro Hiraide,* Yu Katayama, Akira Endo, Ryotaro Matsuda, Minoru T. Miyahara and Satoshi Watanabe*



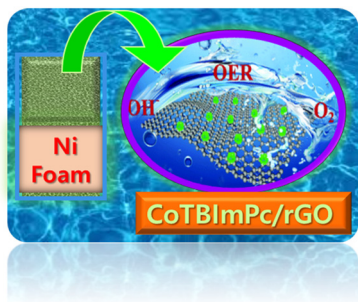
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Optically active defects in carbon nanotubes via chlorination: computational insights

Braden M. Weight, Brendan J. Gifford, Grace Tiffany, Elva Henderson, Deyan Mihaylov, Dmitri Kilin and Svetlana Kilina*

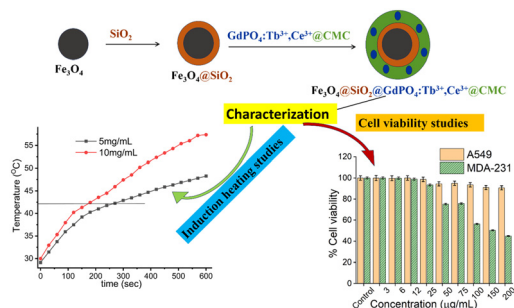
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Cobalt-benzimidazole swapped metal-organic macrocycle with reduced graphene oxide as a hybrid electrocatalyst for highly efficient oxygen evolution reaction

C. P. Keshavananda Prabhu,* Kenkera Rayappa Naveen and Jaehyun Hur*

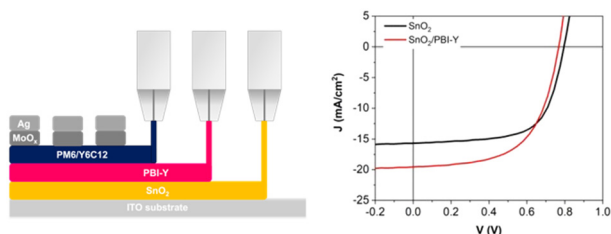
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All slot-die coated organic solar cells using an amine processed cathode interlayer based upon an amino acid functionalised perylene bisimide

Rebecca E. Ginesi, Muhammad R. Niazi, Gregory C. Welch* and Emily R. Draper*

